## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Robert K. Rowe et al.

Serial No.:

09/832,631

Filed:

April 11, 2001

OCT 1 5 2001

Examiner: Unknown

Group Art Unit: 2877

For:

ENCODED VARIABLE FILTER SPECTROMETER

Docket No.:

1023.1123101

### TRANSMITTAL SHEET

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

CERTIFICATE UNDER 37 C.F.R. 1.8: I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 2021, on

this 10th day of October, 2001.

David M. Crompton

We are transmitting herewith the attached:

[ ]	Amendment
-----	-----------

[ ] No additional fee required

[ ] The fee has been calculated as shown:

	CLAIMS AS AMENDED						
	(3)	(4)	(5)	SMALL	ENTITY	OT	HER
	REMAINING CLAIMS	HIGHEST PAID	EXTRA	RATE	ADD'L FEE	RATE	ADD'L FEE
TOTAL CLAIMS	-	=		X9=	\$	X18=	\$
INDEPEN- DENT CLAIMS	-	=		X40=	\$	X80=	\$
() FIRST MU	( ) FIRST MULTIPLE DEPENDENT CLAIM					+270=	\$
TOTAL	TOTAL					\$	

	A check in the amount of \$ is enclosed.
[]	Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by verified statement previously submitted.
[ XX ]	Other: <u>INFORMATION DISCLOSURE STATEMENT</u> , FORM PTO-1449 AND <u>CITED REFERENCES</u> .
[XXXX]	Please charge any deficiencies or credit any overpayment in the enclosed fees to Deposit Account No. 50-0413.  By: David M. Crompton
	Reg. No. 36,772

David M. Crompton CROMPTON, SEAGER & TUFTE, LLC 331 Second Avenue South, Suite 895 Minneapolis, Minnesota 55401-2246

Telephone: (612) 677-9050

Facsimile:

(612) 359-9349

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Robert K. Rowe et al.

Serial No.:

09/832,631

Filed:

April 11, 2001

MODEL TIME OUSS DT

July Jol

Examiner: Unknown

Group Art Unit: 2877

For:

ENCODED VARIABLE FILTER SPECTROMETER

Docket No.:

1023.1123101

#### INFORMATION DISCLOSURE STATEMENT

CERTIFICATE UNDER 37 C.F.R. 1.8: I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 2023, on

this 10th day of October, 2001.

Dear Sir:

Pursuant to the obligations of candor and good faith imposed by 37 C.F.R 1.56, the documents listed on the attached PTO-1449 are hereby disclosed.

No representation is intended to be made hereby that any of the cited references establishes, by itself or in combination with other information, a prima facie case of unpatentability of any claim of the present case.

Respectfully submitted,

Robert K Rowe et al.

By their attorney,

Dated: 10/10/01

David M. Crompton, Reg. No. 36

CROMPTON, SEAGER & TUPTE, LLC

331 Second Avenue South, Suite 895

Minneapolis, MN 55401-2246 Telephone:

(612) 677-9050

Facsimile:

(612) 359-9349

FORM PTO-1449	Atty. Docket No.: 1023.1123101	Serial No.: 09/832,631	
LICT OF PATENTS AND PUBLICATIONS FOR	Applicant: Robert K. Rowe et al.		
PPLICANT'S INFORMATION DISCLOSURE STATEMENT	Filing Date	Group Art:	
NI 15 TOTAL SEE	April 11, 2001	2877 2872	

T-00	<u> </u>	_5/		71pm 11, 2001	
PATEN	A TRADE		U.S.	PATENT DOCUMENTS	
Exan	niner tial	Document No.	Date	Name	Filing Date If Appropriate
AA	CHC	3,910,701	10/07/1975	Henderson et al.	
AB	CMC	4,035,083	07/12/1977	Woodriff et al.	
AC	cnc	4,142,797	03/06/1979	Astheimer	
AD	onc	4,169,676	10/02/1979	Kaiser	
AE	OHC	4,260,220	04/07/1981	Whitehead	
AF	CHC	4,427,889	01/24/1984	Muller	
AG	CNC	4,537,484	08/27/1985	Fowler	
AH	CHC	4,598,715	07/08/1986	Machler et al.	
AI	cnc	4,653,880	03/31/1987	Sting et al.	
AJ	CHC	4,654,530	03/31/1987	Dybwad	
AK	CHC	4,655,225	04/07/1987	Dahne et al.	
AL	onc-	4,656,562	04/07/1987	Sugino	
AM	CMC	4,657,397	04/14/1987	Oehler et al.	
AN	ONG	4,661,706	04/28/1987	Messerschmidt et al.	
AO	CHC	4,684,255	08/04/1987	Ford	
AP	onc	4,712,912	12/15/1987	Messerschmidt	
AQ	CHC	4,730,882	03/15/1988	Messerschmidt	
AR	CMC	4,787,013	11/22/1988	Sugino et al.	
AS	onc	4,787,708	11/29/1988	Whitehead	
AT	CXC	4,830,496	05/16/1989	Young	
AU	onc	4,853,542	08/01/1989	Milosevic et al.	
AV	CHC	4,857,735	08/15/1985	Noller	
AW	CNC	4,859,064	08/22/1989	Messerschmidt et al.	
AX	ONC	4,866,644	09/12/1989	Shenk et al.	
AY	CHC	4,867,557	09/19/1989	Takatani et al.	
AZ	cuc	4,882,492	11/21/1989	Schlager	
BA	CNEC	4,883,953	11/28/1989	Koashi et al.	

	niner', tial	Document No.	Date	Name Filing Date If Appropriate
BB	onc	4,975,581	12/04/1990	Robinson et al.
BC	CHC	5,015,100	05/14/1991	Doyle
BD	enc	5,019,715	05/28/1991	Robinson et al.  Doyle  Sting et al.
BE	CNC	5,028,787	07/02/1991	Rosenthal et al.
BF	CNC	5,051,602	09/24/1991	Sting et al.
BG	onc	5,068,536	11/26/1991	Rosenthal
BH	CHC	5,070,874	12/10/1991	Barnes et al.
BI	ONC	5,158,082	10/27/1992	Jones .
BJ	CHC	5,178,142	01/12/1993	Harjunmaa et al.
BK	CNC	5,179,951	01/19/1993	Knudson
BL	CNC	5,204,532	04/20/1993	Rosenthal
BM	OKC	5,222,496	06/29/1993	Clarke et al.
BN	arc	5,223,715	06/29/1993	Taylor
ВО	CHC	5,225,678	07/06/1993	Messerschmidt
BP	one	5,243,546	09/07/1993	Maggard
BQ	anc	5,257,086	10/26/1993	Fateley et al.
BR	onc	5,267,152	11/30/1993	Yang et al.
BS	onc	5,268,749	12/07/1993	Weber et al.
BT	CHC-	5,291,560	10/26/1993	Daugman
BU	CHC	5,303,026	04/12/1994	Strobl et al.
BV	cxc	5,311,021	05/10/1994	Messerschmidt
BW	CHC	5,313,941	05/24/1994	Braig et al.
BX	onc	5,321,265	06/14/1994	Block
BY	oxe	5,331,958	07/26/1994	Oppenheimer
BZ	one	5,348,003	09/20/1994	Caro
CA	one	5,355,880	10/18/1994	Thomas et al.
СВ	cnc	5,360,004	11/01/1994	Purdy et al.
CC	ou	5,361,758	11/08/1994	Hall et al.
CD	CHC	5,372,135	12/13/1994	Mendelson et al.
CE	crc	5,379,764	01/10/1995	Barnes et al.
CF	crc	5,402,778	04/04/1995	Chance
CG	CMC	5,419,321	05/30/1995	Evans
CH	on	5,435,309	07/25/1995	Thomas et al.
CI	one	5,441,053	08/15/1995	Lodder et al.

	niner tial	Document No.	. Date	Name Ole vo	Filing Date If Appropriate
CJ	CVC	5,452,723	09/26/1995	Wu et al.	,
CK	cnc	5,459,317	10/17/1995	Small et al.	
CL	CHC	5,459,677	10/17/1995	Small et al.  Kowalski et al.  Rowalski et al.	
CM	one	5,460,177	10/24/1995	Purdy et al.	
CN	anc	5,483,335	01/09/1996	Tobias	
CO	au	5,494,032	02/27/1996	Robinson et al.	
CP	cnc	5,515,847	05/14/1996	Braig et al.	
CQ	gu	5,523,054	06/04/1996	Switalski et al.	
CR	are	5,533,509	07/09/1996	Koashi et al.	
CS	cre	5,537,208	07/16/1996	Bertram et al.	
CT	anc	5,552,997	09/03/1996	Massart	
CU	anc	5,596,992	01/28/1997	Haaland et al.	
CV	orec	5,606,164	02/25/1997	Price et al.	
CW	one	5,636,633	06/10/1997	Messerschmidt et al.	
CX	gu	5,655,530	08/12/1997	Messerschmidt	
CY	orc	5,672,864	09/30/1997	Kaplan	
CZ	an	5,672,875	09/30/1997	Block et al.	
DA	au	5,677,762	10/14/1997	Ortyn et al.	
DB	cue.	5,708,593	01/13/1998	Saby et al.	
DC	one	5,719,950	02/17/1998	Osten et al.	
DD	one	5,724,268	03/03/1998	Sodickson et al.	
DE	one	5,743,262	04/28/1998	Lepper, Jr. et al.	
DF	orc	5,747,806	05/05/1998	Khalil	
DG	CHC	5,750,994	05/12/1998	Schlager	
DH	cuc	5,782,755	07/21/1998	Chance et al.	
DI	acc	5,792,050	08/11/1998	Alam et al.	
DJ	cKC	5,792,053	08/11/1998	Skladner et al.	
DK	cuc	5,793,881	08/11/1998	Stiver et al.	
DL	onc	5,808,739	09/15/1998	Turner et al.	
DM	one	5,818,048	10/06/1998	Sodickson et al.	
DN	cuc	5,823,951	10/20/1998	Messerschmidt et al.	
DO	chec	5,828,066	10/27/1998	Messerschmidt	· · ·
DP	cre	5,830,132	11/03/1998	Robinson	
DQ	cre	5,830,133	11/03/1998	Osten et al.	

DR		miner' itial	Document No.	Date	Name Oliver	Filing Date If Appropriate
DT	DR	anc	5,850,623	12/15/1998		
DU	DS		5,853,370	12/29/1998	Chance et al.	
DU	DT	anc	5,860,421	01/19/1999	Eppstein et al.	
DW	DU	are	5,886,347	03/23/1999		
DX	DV	ouc	5,902,033	05/11/1999	Levis et al.	
DX	DW	OW	5,914,780	06/22/1999	Turner et al.	
DY         ≠MC         5,935,062         08/10/1999         Messerschmidt et al.           DZ         out         5,945,676         08/31/1999         Khalil           EA         cut         5,949,543         09/07/1999         Bleier et al.           EB         cut         5,957,841         09/28/1999         Maruo et al.           EC         Cut         5,961,449         10/05/1999         Jarvis et al.           ED         cut         6,005,722         12/21/1999         Butterworth et al.           EF         cut         6,016,435         01/18/2000         Maruo et al.           EG         cut         6,025,597         02/15/2000         Sterling et al.           EH         cut         6,031,609         02/29/2000         Funk et al.           EJ         cut         6,034,370         03/07/2000         Messerschmidt           EK         cut         6,040,578         03/21/2000         Malin et al.           EL         out         6,041,410         03/21/2000         Hsu et al.           EM         eu         6,044,410         03/21/2000         Hsu et al.           EN         cut         6,044,285         03/28/2000         Chaiken et al.	DX		5,933,792	08/03/1999	Andersen et al.	
DZ	DY		5,935,062	08/10/1999	Messerschmidt et al.	
EA	DZ	<u> </u>	5,945,676	08/31/1999	Khalil	
EC Citz 5,961,449 10/05/1999 Toida et al.  ED ONE 5,963,319 10/05/1999 Jarvis et al.  EE SILC 6,005,722 12/21/1999 Butterworth et al.  EF CILC 6,016,435 01/18/2000 Maruo et al.  EG CILC 6,025,597 02/15/2000 Sterling et al.  EH CILC 6,026,314 02/15/2000 Funk et al.  EI CILC 6,031,609 02/29/2000 Funk et al.  EI CILC 6,034,370 03/07/2000 Messerschmidt  EK CILC 6,040,578 03/21/2000 Malin et al.  EL ONC 6,041,247 03/21/2000 Weckstrom et al.  EN CILC 6,041,410 03/21/2000 Hsu et al.  EN CILC 6,044,285 03/28/2000 Lee et al.  EO CILC 6,044,285 03/28/2000 Chaiken et al.  EP CILC 6,046,808 04/04/2000 Eppstein et al.  EQ CILC 6,046,808 04/04/2000 Fately  ER CILC 6,057,925 02/02/2000 Marchitto et al.  ET CILC 6,057,925 02/02/2000 Anhon  EU CILC 6,061,581 05/09/2000 Small et al.  EV CILC 6,066,847 05/23/2000 Costa et al.	EA	_	5,949,543	09/07/1999	Bleier et al.	
ED ONE 5,963,319 10/05/1999 Jarvis et al.  EE SALE 6,005,722 12/21/1999 Butterworth et al.  EF CALE 6,016,435 01/18/2000 Maruo et al.  EG CALE 6,025,597 02/15/2000 Sterling et al.  EH CALE 6,026,314 02/15/2000 Amerov et al.  EI CALE 6,031,609 02/29/2000 Funk et al.  EJ CALE 6,031,609 03/07/2000 Messerschmidt  EK CALE 6,040,578 03/21/2000 Malin et al.  EL CALE 6,041,247 03/21/2000 Weckstrom et al.  EL CALE 6,041,410 03/21/2000 Hsu et al.  EN CALE 6,043,492 03/28/2000 Lee et al.  EN CALE 6,044,285 03/28/2000 Chaiken et al.  EO CALE 6,044,285 03/28/2000 Eppstein et al.  EP CALE 6,046,808 04/04/2000 Eppstein et al.  EQ CALE 6,046,808 04/04/2000 Fately  ER CALE 6,056,738 05/02/2000 Marchitto et al.  ET CALE 6,057,925 02/02/2000 Anthon  EU CALE 6,061,581 05/09/2000 Small et al.  EV CALE 6,066,847 05/23/2000 Costa et al.  EX CALE 6,070,093 05/20/2000 Oosta et al.	EB	cre	5,957,841	09/28/1999	Maruo et al.	
ED	EC	Cue	5,961,449	10/05/1999	Toida et al.	
EF CM 6,016,435 01/18/2000 Maruo et al.  EG CM 6,025,597 02/15/2000 Sterling et al.  EH CM 6,026,314 02/15/2000 Amerov et al.  EI CM 6,031,609 02/29/2000 Funk et al.  EJ CM 6,034,370 03/07/2000 Messerschmidt  EK CM 6,040,578 03/21/2000 Malin et al.  EL OM 6,041,247 03/21/2000 Weckstrom et al.  EM OM 6,041,410 03/21/2000 Hsu et al.  EN CM 6,043,492 03/28/2000 Lee et al.  EO CM 6,044,285 03/28/2000 Chaiken et al.  EP CM 6,045,502 04/04/2000 Eppstein et al.  EQ CM 6,046,808 04/04/2000 Fately  ER CM 6,046,727 04/11/2000 Crothall  ES CM 6,056,738 05/02/2000 Marchitto et al.  ET CM 6,057,925 02/02/2000 Anthon  EU CM 6,061,581 05/09/2000 Small et al.  EV CM 6,066,847 05/23/2000 Costa et al.  EX CM 6,070,093 05/20/2000 Osta et al.	ED	<del></del>	5,963,319	10/05/1999	Jarvis et al.	
EG	EE	one	6,005,722	12/21/1999	Butterworth et al.	
EH crec 6,026,314 02/15/2000 Amerov et al.  EI crec 6,031,609 02/29/2000 Funk et al.  EJ crec 6,034,370 03/07/2000 Messerschmidt  EK crec 6,040,578 03/21/2000 Malin et al.  EL orc 6,041,247 03/21/2000 Weckstrom et al.  EM orc 6,041,410 03/21/2000 Hsu et al.  EN crec 6,043,492 03/28/2000 Lee et al.  EO crec 6,044,285 03/28/2000 Chaiken et al.  EP crec 6,046,808 04/04/2000 Eppstein et al.  EQ crec 6,046,808 04/04/2000 Fately  ER crec 6,049,727 04/11/2000 Crothall  ES crec 6,056,738 05/02/2000 Marchitto et al.  ET crec 6,057,925 02/02/2000 Anthon  EU crec 6,061,581 05/09/2000 Small et al.  EV crec 6,066,847 05/23/2000 Rosenthal  EX crec 6,070,093 05/20/2000 Oosta et al.	EF	cre	6,016,435	01/18/2000	Maruo et al.	
EH crec 6,026,314 02/15/2000 Amerov et al.  EI crec 6,031,609 02/29/2000 Funk et al.  EJ crec 6,034,370 03/07/2000 Messerschmidt  EK crec 6,040,578 03/21/2000 Malin et al.  EL oric 6,041,247 03/21/2000 Weckstrom et al.  EM oric 6,041,410 03/21/2000 Hsu et al.  EN crec 6,043,492 03/28/2000 Lee et al.  EO crec 6,044,285 03/28/2000 Chaiken et al.  EP crec 6,045,502 04/04/2000 Eppstein et al.  EQ crec 6,046,808 04/04/2000 Fately  ER crec 6,049,727 04/11/2000 Crothall  ES crec 6,056,738 05/02/2000 Marchitto et al.  ET crec 6,056,7925 02/02/2000 Anthon  EU crec 6,061,581 05/09/2000 Small et al.  EV crec 6,066,847 05/23/2000 Rosenthal  EX crec 6,070,093 05/20/2000 Oosta et al.	EG	cue	6,025,597	02/15/2000	Sterling et al.	
EJ CMC 6,034,370 03/07/2000 Messerschmidt  EK CMC 6,040,578 03/21/2000 Malin et al.  EL OMC 6,041,247 03/21/2000 Weckstrom et al.  EM OMC 6,041,410 03/21/2000 Hsu et al.  EN CMC 6,043,492 03/28/2000 Lee et al.  EO CMC 6,044,285 03/28/2000 Chaiken et al.  EP CMC 6,045,502 04/04/2000 Eppstein et al.  EQ CMC 6,046,808 04/04/2000 Fately  ER CMC 6,046,727 04/11/2000 Crothall  ES CMC 6,056,738 05/02/2000 Marchitto et al.  ET CMC 6,057,925 02/02/2000 Anthon  EU CMC 6,061,581 05/09/2000 Small et al.  EW CMC 6,066,847 05/23/2000 Rosenthal  EW CMC 6,060,847 05/23/2000 Rosenthal  EX CMC 6,070,093 05/20/2000 Alam et al.	EH		6,026,314	02/15/2000	Amerov et al.	
EK cuc 6,040,578 03/21/2000 Malin et al.  EL ouc 6,041,247 03/21/2000 Weckstrom et al.  EM ouc 6,041,410 03/21/2000 Hsu et al.  EN cuc 6,043,492 03/28/2000 Lee et al.  EO cuc 6,044,285 03/28/2000 Chaiken et al.  EP cuc 6,045,502 04/04/2000 Eppstein et al.  EQ cuc 6,046,808 04/04/2000 Fately  ER cuc 6,049,727 04/11/2000 Crothall  ES cuc 6,056,738 05/02/2000 Marchitto et al.  ET cuc 6,057,925 02/02/2000 Anthon  EU cuc 6,061,581 05/09/2000 Small et al.  EV cuc 6,061,582 05/09/2000 Rosenthal  EW cuc 6,070,093 05/20/2000 Oosta et al.  EX cuc 6,070,093 05/20/2000 Almost al.	EI	crc	6,031,609	02/29/2000	Funk et al.	
EL ouc 6,041,247 03/21/2000 Weckstrom et al.  EM ouc 6,041,410 03/21/2000 Hsu et al.  EN cuc 6,043,492 03/28/2000 Lee et al.  EO cuc 6,044,285 03/28/2000 Chaiken et al.  EP cuc 6,045,502 04/04/2000 Eppstein et al.  EQ cuc 6,046,808 04/04/2000 Fately  ER cuc 6,049,727 04/11/2000 Crothall  ES cuc 6,056,738 05/02/2000 Marchitto et al.  ET cuc 6,057,925 02/02/2000 Anthon  EU cuc 6,061,581 05/09/2000 Alam et al.  EV cuc 6,061,582 05/09/2000 Rosenthal  EW cuc 6,070,093 05/20/2000 Oosta et al.	EJ	orc	6,034,370	03/07/2000	Messerschmidt	
EL ouc 6,041,247 03/21/2000 Weckstrom et al.  EM ouc 6,041,410 03/21/2000 Hsu et al.  EN cut 6,043,492 03/28/2000 Lee et al.  EO cuc 6,044,285 03/28/2000 Chaiken et al.  EP ouc 6,045,502 04/04/2000 Eppstein et al.  EQ cuc 6,046,808 04/04/2000 Fately  ER cuc 6,049,727 04/11/2000 Crothall  ES cuc 6,056,738 05/02/2000 Marchitto et al.  ET cuc 6,057,925 02/02/2000 Anthon  EU cuc 6,061,581 05/09/2000 Alam et al.  EV cuc 6,061,582 05/09/2000 Rosenthal  EW cuc 6,070,093 05/20/2000 Oosta et al.	EK	circ	6,040,578	03/21/2000	Malin et al.	
EM out 6,041,410 03/21/2000 Hsu et al.  EN out 6,043,492 03/28/2000 Lee et al.  EO cuc 6,044,285 03/28/2000 Chaiken et al.  EP out 6,045,502 04/04/2000 Eppstein et al.  EQ cuc 6,046,808 04/04/2000 Fately  ER cuc 6,049,727 04/11/2000 Crothall  ES cuc 6,056,738 05/02/2000 Marchitto et al.  ET cuc 6,057,925 02/02/2000 Anthon  EU cuc 6,061,581 05/09/2000 Alam et al.  EV cuc 6,066,847 05/23/2000 Rosenthal  EX cuc 6,070,093 05/20/2000 Oosta et al.	EL		6,041,247	03/21/2000	Weckstrom et al.	
EN	EM		6,041,410	03/21/2000	Hsu et al.	
EO CMC 6,044,285 03/28/2000 Chaiken et al.  EP CMC 6,045,502 04/04/2000 Eppstein et al.  EQ CMC 6,046,808 04/04/2000 Fately  ER CMC 6,049,727 04/11/2000 Crothall  ES CMC 6,056,738 05/02/2000 Marchitto et al.  ET CMC 6,057,925 02/02/2000 Anthon  EU CMC 6,061,581 05/09/2000 Alam et al.  EV CMC 6,061,582 05/09/2000 Small et al.  EW CMC 6,066,847 05/23/2000 Rosenthal  EX CMC 6,070,093 05/20/2000 Oosta et al.	EN	1	6,043,492	03/28/2000	Lee et al.	
EQ cuc 6,046,808 04/04/2000 Fately  ER cuc 6,049,727 04/11/2000 Crothall  ES cuc 6,056,738 05/02/2000 Marchitto et al.  ET cuc 6,057,925 02/02/2000 Anthon  EU cuc 6,061,581 05/09/2000 Alam et al.  EV cue 6,061,582 05/09/2000 Small et al.  EW cuc 6,066,847 05/23/2000 Rosenthal  EX cuc 6,070,093 05/20/2000 Oosta et al.	EO	1 -	6,044,285	03/28/2000	Chaiken et al.	
ER	EP	cre	6,045,502	04/04/2000	Eppstein et al.	
ES cMc 6,056,738 05/02/2000 Marchitto et al.  ET cMc 6,057,925 02/02/2000 Anthon  EU cMc 6,061,581 05/09/2000 Alam et al.  EV cMc 6,061,582 05/09/2000 Small et al.  EW cMc 6,066,847 05/23/2000 Rosenthal  EX cMc 6,070,093 05/20/2000 Oosta et al.	EQ	-	6,046,808	04/04/2000	Fately	
ET cuc 6,057,925 02/02/2000 Anthon  EU cuc 6,061,581 05/09/2000 Alam et al.  EV cuc 6,061,582 05/09/2000 Small et al.  EW cuc 6,066,847 05/23/2000 Rosenthal  EX cuc 6,070,093 05/20/2000 Oosta et al.	ER	cuc	6,049,727	04/11/2000	Crothall	
EU CMc 6,061,581 05/09/2000 Alam et al.  EV CMc 6,061,582 05/09/2000 Small et al.  EW CMc 6,066,847 05/23/2000 Rosenthal  EX CMC 6,070,093 05/20/2000 Oosta et al.	ES	CMC	6,056,738	05/02/2000	Marchitto et al.	
EV cre 6,061,582 05/09/2000 Small et al.  EW cre 6,066,847 05/23/2000 Rosenthal  EX cre 6,070,093 05/20/2000 Oosta et al.	ET	cuc	6,057,925	02/02/2000	Anthon	
EW CHC 6,066,847 05/23/2000 Rosenthal  EX CHC 6,070,093 05/20/2000 Oosta et al.	EU	CHc	6,061,581	05/09/2000	Alam et al.	
EX cuc 6,070,093 05/20/2000 Oosta et al.	EV	cre	6,061,582	05/09/2000	Small et al.	
EV (072.027 05/00/2000 Alam et al.	EW	CHC	6,066,847	05/23/2000	Rosenthal	
EY 6,073,037 05/09/2000 Alam et al.	EX	cuc	6,070,093	05/20/2000	Oosta et al.	
	EY	cue	6,073,037	05/09/2000	Alam et al.	

	miner' itial	Document No.	. Date	Name (PE	Filing Date If Appropriate
EZ	crec	6,088,605	07/11/2000	Griffith et al.	Cies
FA	cre	6,100,811	08/08/2000	Hsu et al.	AND RE
FB	cuc	6,115,673	09/05/2000	Malin et al.	No.
FC	CHC	6,141,101	10/31/2000	Malin et al.  Bleier et al.	OE
FD	cne	6,147,749	11/14/2000	Kubo et al.	
FE	cnc	6,152,876	11/28/2000	Robinson et al.	
FF	cuc	6,157,041	12/05/2001	Thomas et al.	
FG	cuc	6,175,407	01/16/2001	Sartor	
FH	are	6,212,424	04/03/2001	Robinson	
FI	arc	6,226,541	05/01/2001	Eppstein et al.	
FJ	cuc	6,230,034	05/08/2001	Messerschmidt et al.	
FK	cue	6,240,306	05/29/2001	Rohrscheib et al.	
FL	cre	6,241,663	06/05/2001	Wu et al.	
FM	cuc	09/415,594		Rowe et al.	10/08/1999
FN	cre	09/832,608		Gardner et al.	04/11/2001
FO	cuc	09/832,585		Abbink et al.	04/11/2001
FP	crec	09/832,586		Johnson	04/11/2001

### FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation Yes No
FQ	cke	EP 0 317 121 B1	05/24/1999	EPO	1
FR	cuc	EP 0 426 358 B1	05/08/1991	EPO	
FS	ore	EP 0 449 335 A2	10/02/1991	EPO	
FT	cuc	EP 0 573 137 A2	12/08/1993	EPO	
FU	cue	EP 0 631 137 A2	12/28/1994	EPO	
FV	cuc	EP 0 670 143 A1	09/06/1995	EPO	
FW	ave	EP 0 681 166 A1	11/08/1995	EPO	
FX	cue	EP 0 757 243 A1	02/05/1997	EPO	
FY	cue	EP 0 788 000 A2	08/06/1997	EPO	
FZ	one	EP 0 801 297 A1	10/15/1997	EPO	
GA	ONC	EP 0 836 083 A1	04/15/1998	EPO	
GB	cuc	EP 0 843 986 A2	05/27/1998	EPO	
GC	onc	EP 0 869 348 A2	10/07/1998	EPO	

•		Document No.	Date		Country	Translation Yes No
GD .	are	EP 0 897 691 A2	02/24/1999	EPO		les No
GE	crec	EP 0 982 583 A1 /	03/01/2000	EPO	OT 1 5 2001	
GF	crec	EP 0 990 945 A1 /	04/05/2000	EPO	2	
GG	cué	WO 92/00513	01/09/1992	PCT	TRADEMINIST.	
GH	one (	WO 92/17765	10/15/1992	PCT		
GI	oxe/	WO 93/00855	01/21/1993	PCT		
GJ	one	WO 93/07801	04/29/1993	PCT		
GK	ove	WO 95/22046	08/17/1995	PCT		
GL	cuc	WO 97/23159	07/03/1997	PCT		
GM	ouc	WO 97/27800	08/07/1997	PCT		
GN	cre	WO 97/28437	08/07/1997	PCT		
GO	cue	WO 97/28438	08/07/1997	PCT		
GP	are	WO 98/01071	01/15/1998	PCT		
GQ	ONC	WO 98/37805	09/03/1998	PCT		
GR	ouc '	WO 98/40723	09/17/1998	PCT		
GS	opec 1	WO 99/09395	02/25/1999	PCT		
GT	cuc	WO 99/37203	07/29/1999	PCT		
GU	críc	WO 99/43255	09/02/1999	PCT		
GV	ouc.	WO 99/46731	09/19/1999	PCT		
GW	che	WO 99/55222	11/04/1999	PCT		
GX	orc	WO 99/56616	11/11/1999	PCT		
GY	ouc	WO 01/15596	03/08/2001	PCT		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Anderson, C. E. et al., "Fundamentals of Calibration Transfer Through Procrustes Analysis," GZ SHE Appln. Spectros., Vol. 53, No. 10 (1999) p. 1268. Ashbourn, Julian, Biometrics; Advanced Identity Verification, Springer, 2000, pp. 63-4) HA CNE Bantle, John P. et al., "Glucose Measurement in Patients with Diabetes Mellitus with Dermal HB orle Interstitial Fluid," Copyright © 1997 by Mosby-Year Book, Inc., 9 pages.

Blank, T.B. et al., "Transfer of Near-Infrared Multivariate Calibrations Without Standards," Anal. HC off Chem., Vol. 68 (1996) p. 2987. Brasunas John C. et al., "Uniform Time-Sampling Fourier Transform Spectroscopy," <u>Applied Optics</u>, Vol. 36, No. 10, April 1, 1997, pp. 2206-2210. HD all Brault, James W., "New Approach to High-Precision Fourier Transform Spectrometer Design," HE OHC Applied Optics, Vo. 35, No. 16, June 1, 1996, pp. 2891-2896. Cassarly, W.J. et al., "Distributed Lighting Systems: Uniform Light Delivery," Source Unknown, HF CHC pp. 1698-1702. Chang, Chong-Min et al., "An Uniform Rectangular Illuminating Optical System for Liquid Crystal HG ork Light Valve Projectors," Euro Display '96 (1996) pp. 257-260. Coyne, Lawrence J. et al., "Distributive Fiber Optic couplers Using Rectangular Lightguides as HH orc Mixing Elements," (Information Gatekeepers, Inc. Brookline, MA, 1979) pp. 160-164.

HI .	CNG.	de Noord, Onno E., "Mu Cariate Calibration Standardization," Conometrics and Intelligent Laboratory Systems 25, (1994) pp. 85-97.
HJ	cre	Despain, Alvin M. et al., "A Large-Aperture Field-Widened Interferometer-Spectrometer for Airglow Studies," Aspen International Conference on Fourier Spectroscopy, 1970, pp. 293-300.
HK	CYL	Faber, Nicolaas, "Multivariate Sensitivity for the Interpretation of the Effect of Spectral Pretreatment Methods on Near-Infrared Calibration Model Predictions," Analytical Chemistry, Vol. 27, 27, 27, 27, 27, 27, 27, 27, 27, 27,
HL	ove	71, No. 3, February 1, 1999, pp. 557-565.  Geladi, Paul et al., "A Multivariate NIR Study of Skin Alterations in Diabetic Patients as Compared to Control Subjects, "J. Nera Infrared Spectrosc., vol. 8 (2000) pp. 217-227.
HMP	E	Haaland, David M. et al. "Reagentless Near-Infrared Determination of Glucose in Whole Blood Using Multivariate Calibration," Applied Spectroscopy, Vol. 46, No. 10 (1992) pp. 1575-1578.
HN	mm	Harwit, M. et al., "Chapter 5 – Instrumental Considerations" Hadamard Transform Optics, cademic Press (1979) pp. 109-145.
HO HELL	che la	Meise H. Michael et al., "Near-Infrared Reflectance Spectroscopy for Noninvasive Monitoring of Metabolites," Clin. Chem. Lab. Med. 2000, 38(2) (2000) pp. 137-145.
HYEI	CHC	Heise, H.M. et al., "Near Infrared Spectrometric Investigation of Pulsatile Blood Flow for Non-Invasive Metabolite Monitoring," <u>CP430, Fourier Transform Spectroscopy</u> : 11 <sup>th</sup> International Conference, (1998) pp. 282-285.
HQ	ove	Heise, H.M. et al., "Noninvasive Blood Glucose Sensors Based on Near-Infrared Spectroscopy," Artif Organs, Vol. 18, No. 6 (1994) pp. 1-9.
HR	anc	Heise, H.M. "Non-Invasive Monitoring of Metabolites Using Near Infrared Spectroscopy: State of the Art," Horm. Metab. Res., Vol. 28 (1996) pp. 527-534.
HS	cuc	Hopkins, George W. et al., "In-vivo NIR Diffuse-reflectance Tissue Spectroscopy of Human Subjects," SPIE, Vol. 3597, January 1999, pp. 632-641.
HT	ouc	Jagemann, Kay-Uwe et al. "Application of Near-Infrared Spectroscopy for Non-Invasive Determination of Blood/Tissue Glucose Using Neural Networks," Zeitschrift for Physikalische Chemie, Bd.191, S. 179-190 (1995).
HU	onc	Khalil, Omar S., "Spectroscopic and Clinical Aspects of Noninvasive Glucose Measurements," Clinical Chemistry, 45:2 (1999) pp. 165-177.
HV	cuc.	Kohl, Matthias et al., "The Influence of Glucose Concentration Upon the Transport of Light in Tissue-simulating Phantoms," Phys. Med. Biol., Vol. 40 (1995) pp. 1267-1287.
HW	onc	Korte, E.H. et al., "Infrared Diffuse Reflectance Accessory for Local Analysis on Bulky Samples,"  Applied Spectroscopy, Vol. 42, No. 1, January 1988, pp. 38-43.
HX	cuc	
HY	ОНС	Lorber, Avraham et al., "Local Centering in Multivariate Calibration," <u>Journal of Chemometrics</u> , Vol. 10 (1996) pp. 215-220.  Lorber, Avraham et al., "Net Analyte Signal Calculation in Multivariate Calibration," <u>Analytical</u>
IA	cnc	
IB	onc	(1994) pp. 1-158.  Marbach, R. et al. "Noninvasive Blood Glucose Assay by Near-Infrared Diffuse Reflectance
IC	orte	Spectroscopy of the Human Inner Lip," <u>Applied Spectroscopy</u> , Vol. 47, No. 7 (1993) pp. 875-881.  Marbach, R. et al. "Optical Diffuse Reflectance Accessory for Measurements of Skin Tissue by
-ID	CHE	Near-Infrared Spectroscopy," <u>Applied Optics</u> , Vol. 34, No. 4, February 1, 1995, pp. 610-621.  Mardia, K.V. et al., <u>Multivariate Analysis</u> , Academic Press (1979) pp. 300-325.
<u>IE</u>	ONC	Martens, Harald et al., Úpdating Multivariate Calibrations of Process NIR Instruments," Adv.
ĪF	CHC	Instru. Control (1990) pp. 371-381.  McIntosh, Bruce C. et al. "Quantitative Reflectance Spectroscopy in the Mid-IR, 16 <sup>th</sup> Annual
ĪĠ	CNC	FACSS Conference, October 1989.  Nichols, et al., <u>Design and Testing of a White-Light, Steady-State Diffuse Reflectance Spectrometer for Determination of Optical Properties of Highly Scattering Systems</u> , Applied Optics, 1 January
	CHE	1997, 36(1), pp 93-104.  Offner, A., "New Concepts in Projection Mask Aligners," Optical Engineering, Vol. 14, No. 2,  March April 1975, pp. 130-132
IJ	cne	March-April 1975, pp. 130-132.  Osborne, B.G. et al., "Optical Matching of Near Infrared Reflectance Monochromator Instruments for the Analysis of Ground and Whole Wheat," J. Near Infrared Spectrosc., Vol. 7 (1999) p. 167.

П	one.	Ozdemir, d. et al., "Hybracialibration Models: An Alternative to libration Transfer," <u>Appl. Spectros.</u> , Vol. 52, No. 4 (1998) p.599.
IK	ж	Powell, J.R. et al, "An Algorithm for the Reproducible Spectral Subtraction of Water from the FT-IR Spectra of Proteins in Dilute Solutions and Adsorbed Monolayers," <u>Applied Spectroscopy</u> , Vol. 40, No. 3 (1986) pp. 339-344.
IL	CKC	Rafert, J.B. et al., "Monolithic Fourier-Transform Imaging Spectrometer," <u>Applied Optics</u> , Vol. 34, No. 31, November 1995, pp. 7228-7230.
IM	cuc	Ripley, B.D. <u>Pattern Recognition and Neural Networks</u> , Cambridge University Press (1996) pp. 91-120.
IN	ak	Robinson, M. Ries et al., "Noninvasive Glucose Monitoring in Diabetic Patients: A Preliminary Evaluation," Clinical Chemistry, Vol. 38, No. 9 (1992) pp. 1618-1622.
10011	CAK	Royston, David D. et al., "Optical Properties of Scattering and Absorbing Materials Used in the evelopment of Optical Phantoms at 1064 NM," <u>Journal of Biomedical Optics</u> , Vol. 1, No. 1, January 1996, pp. 110-116.
IQ IR	ADEMAR	Salit, M.L. et al., "Heuristic and Statistical Algorithms for Automated Emission Spectral Background Intensity Estimation," <u>Applied Spectroscopy</u> , Vol. 48, No. 8 (1994) pp. 915-925.
IR	CHC	Saptari, Vidi Alfandi, "Analysis, Design and Use of a Fourier-Transform Spectrometer for Near Infrared Glucose Absorption Measurement," (Massachusetts Institute of Technology, 1999) pp. 1-76.
IS	onc	Schmitt, J.M. et al., "Spectral Distortions in Near-Infrared Spectroscopy of Turbid Materials," Applied Spectroscopy, No. 50 (1996) p. 1066.
IT	cuc	Service, F. John et al., "Dermal Interstitial Glucose as an Indicator of Ambient Glycemia, <u>Diabetes Care</u> , Vol. 20, No. 9, September 1997, 9 pages.
IU	cre	Shroder, Robert, (Internet Article) MicroPac Forum Presentation, Current performance results, May 11, 2000.
IV	CHC	Sjoblom, J. et al., "An Evaluation of Orthogonal Signal correction Applied to Calibration Transfer of Near Infrared Spectra," Chemom & Intell Lab. Sys., Vol. 44 (1998) p. 229.
IW	CHC.	Steel, W.H., "Interferometers for Fourier Spectroscopy," Aspen International Conference on Fourier Spectroscopy, (1970) pp. 43-53.
IX	cuc	
IY	cuc	Stork, Chris L. et al., "Weighting Schemes for Updating Regression Models – a Theoretical Approach," Chemometrics and Intelligent Laboratory Systems 48, (1999) pp. 151-166.
IZ	CMC	
JA	cnc	
JB	CNC	
JC	cnc	Chemicinetine and littering and Europianol Joycens, von 19, (1999) pp. 1 2.1.
JD	ONC	Teijido, J.M. et al., "Design of a Non-conventional Illumination System Using a Scattering Light Pipe," SPIE, Vo. 2774 (1996) pp. 747-756.
JE	CNC	Teijido, J.M. et al., "Illumination Light Pipe Using Micro-Optics as Diffuser," <u>SPIE</u> , Vol. 2951 (1996) pp. 146-155.  Thomas, Edward V. et al., "Development of Robust Multivariate Calibration Models,"
JF	cnc	Technometrics, Vol. 42, No. 2, May 2000, pp. 168-177.  Tipler, Paul A., Physics, Second Edition, Worth Publishers, Inc., Chapter 34, Section 34-2,
JG	au	November 1983, pp. 901-908.  Wang, Y-D. et al., "Calibration Transfer and Measurement Stability of Near-Infrared
JH JI	CHC	
JI JK	ONC	Wang, Y-D. et al., Improvement of Multivariate Canoration Through Instrument Standardization, <u>Anal. Chem.</u> , Vol. 64 (1992) pp. 562-564.  Wang, Z., "Additive Background Correction in Multivariate Instrument Standardization," <u>Anal.</u>
)IV	CKC	Chem., Vol. 67 (1995) pp. 2379-2385.

JL .	che	Ward, Kenneth J. et al., "St-Prandial Blood Glucose Determination by Quantitative Mid-Infrared Spectroscopy," Applied Spectroscopy, Vol. 46, No. 6 (1992) pp. 959-965.
JM	ckc	Webb, Paul, "Temperatures of Skin, Subcutaneous Tissue, Muscle and Core in Resting Men in Cold, Comfortable and Hot Conditions," <u>European Journal of Applied Physiology</u> , Vol. 64 (1992) pp. 471-476.
JN	cnc	Whitehead, L.A. et al., "High-efficiency Prism Light Guides with Confocal Parabolic Cross Sections," Applied Optics, Vol. 37, No. 22 (1998) pp. 5227-5233.
EXA	MINER	DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

